



General Balance Probiotics



General Balance

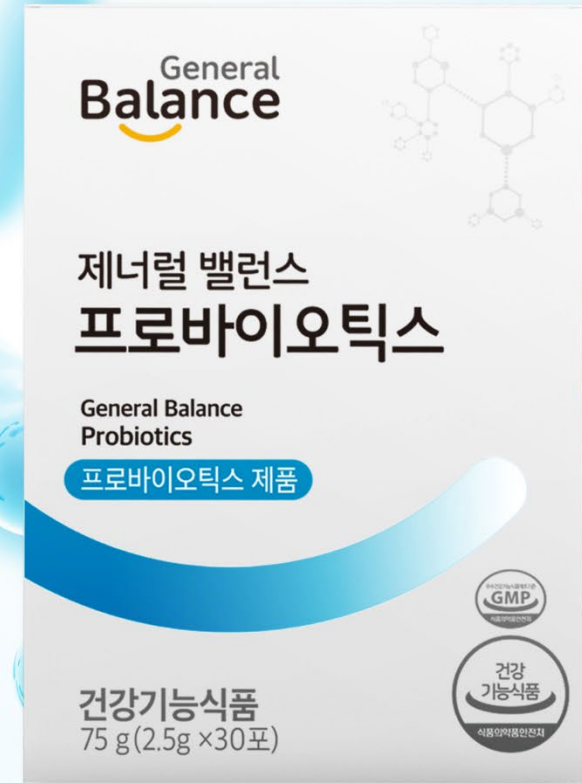


General Balance Probiotics

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Product Introduction

- + **Product Name** : General Balance Probiotics
- + **Product Type**: Dietary Supplement
- + **Net Wt.** : 2.65 oz. (75g) / 2.5 g x 30 sticks
- + **Ingredients** : Six 7-strain probiotics combination, fructooligosaccharides, xylooligosaccharides, and Vitamin C
- + **Suggested Use** : Take 1 stick once a day.
- + **Recommended for**: Adults, teens, and children. Dissolve in lukewarm water for easier intake
- + **Expiration Date**: 18 months



Product Features

6 different strains of probiotics that support a healthy gut environment with 3 billion live and active cultures that inhibit the growth of harmful bacteria.

- + World-patented double microcapsule technology that delivers probiotics to the intestines
- + Hand-selected strains that hardy and adaptable
- + Indigenous probiotics that produce CLA (patented)
- + 3 billion live cultures to support gut health
- + Helps balance gut bacteria and supports bowel movements
- + May help promote lactobacillus growth and inhibit harmful bacteria to facilitate bowel movements.



Product Features – 6 Types of Compound Strains

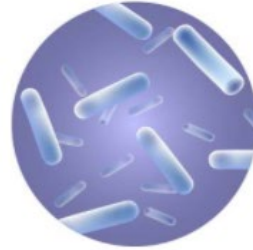
Lactobacillus

3 Strains of Lactobacillus

Lactobacillus acidophilus CBG-C13 (patent no. 10-1655851)

Lactobacillus rhamnosus CBG-C14 (patent no. 10-1655852)

Lactobacillus plantarum JBMI F5 (patent no. 10-1274467)

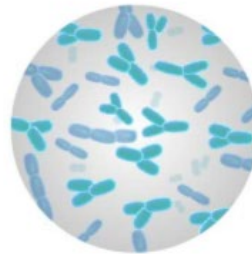


Bifidobacterium

2 Strains of Bifidobacterium

Bifidobacterium longum CBG-C11 (patent no. 10-1401530)

Bifidobacterium lactis CBG-C10



Streptococcus

1 Strain of Streptococcus

Streptococcus thermophilus CBG-C19 (patent no. 10-1655856)



Product Features

General Balance Probiotics delivers 15 billion live cultures to help you obtain approximately 3 billion live cultures or more

Delivers
15 billion cultures

Obtain
Approximately
3 billion cultures or more

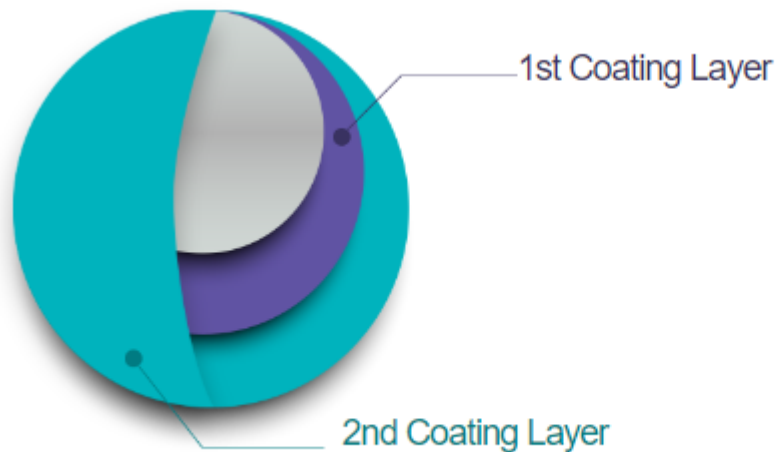
*Number of cultures may vary depending on lactobacillus culture



Product Features

Patented Double Layered Microencapsulated Probiotics

Protects probiotics that may be sensitive to external environment so that it may be delivered safely to the intestines.



Patent no. 10-0782984

Double Layered Microencapsulation for survival in heat, moisture, and highly acidic environments

Product Features – Double Micro-Encapsulation

<World-patented double micro-encapsulation technology>

* **Technology name:** Double Micro-encapsulation

Related Patents

- **Korean Patent:** 10-0782984
- **Japanese Patent:** 4108613

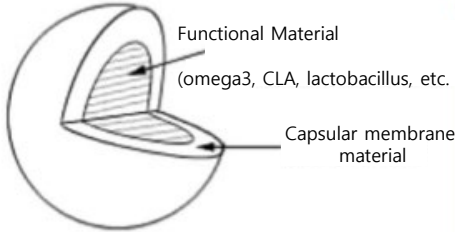
* Features

- Functional materials are surrounded by a capsule membrane to protect against external factors that can destroy material stability -> Secures material stability
- Materials reach the intestines alive and stable
- Effective even with small intake



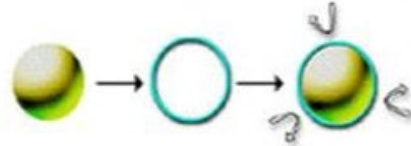
Product Features – Double Micro-Encapsulation Technology

What is Double Micro-encapsulation?

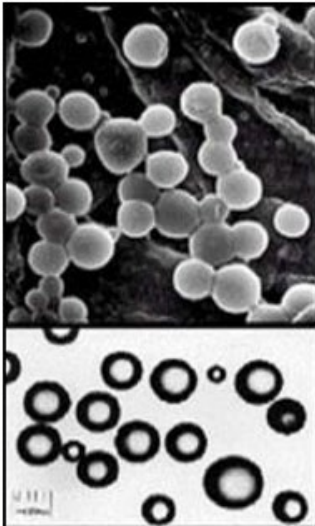


Functional Material
(omega3, CLA, lactobacillus, etc.)

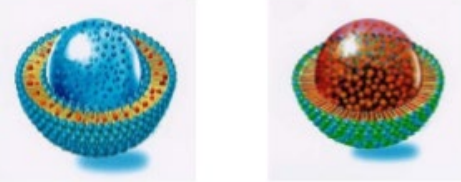
Capsular membrane material



Solid or liquid material → Capsule membrane → Material secured



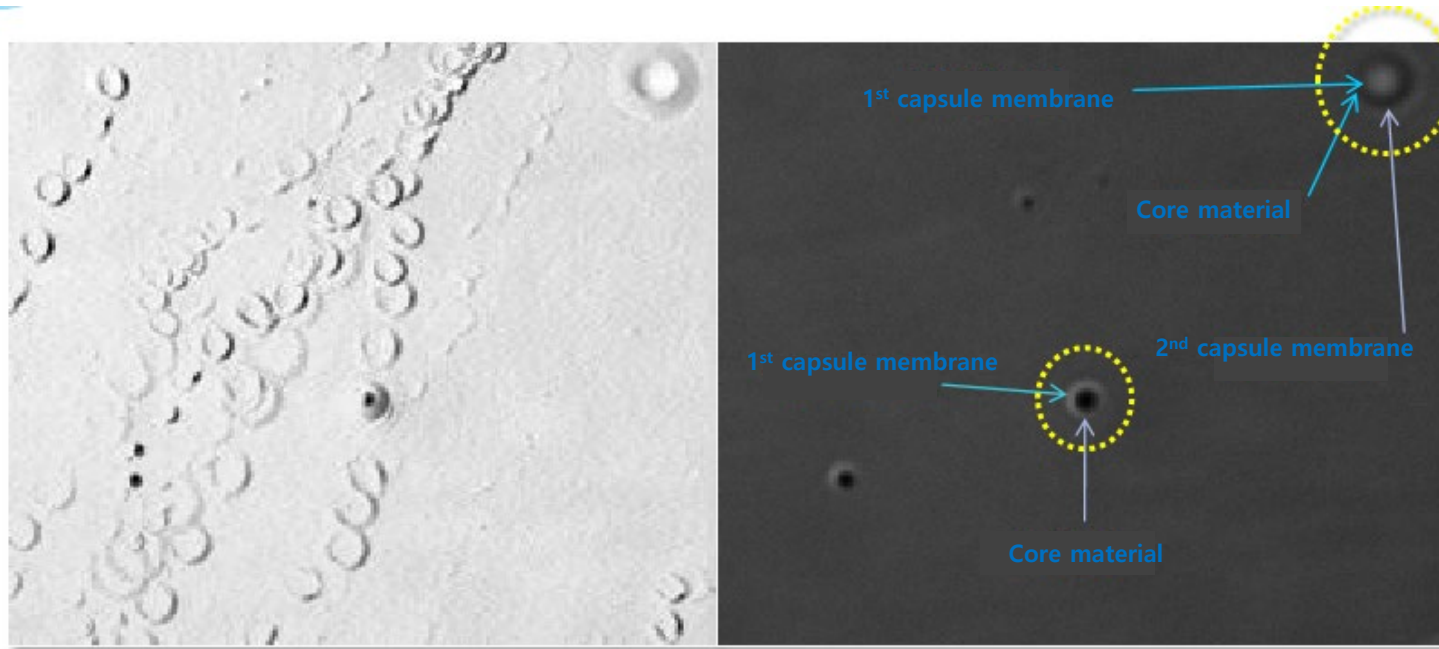
Close-up of Micro-capsule



- Most pharmaceuticals and functional ingredients are absorbed in the human intestine. Therefore, they must be able to safely withstand stomach and bile acids and be delivered to the intestine to maximize efficacy/effectiveness.
- **Micro microencapsulation technology is a special technology designed to deliver functional materials to the intestine by securing stability in stomach acid or bile acid.**

Product Features – Double Micro-Encapsulation Technology

+ Double Micro-encapsulation

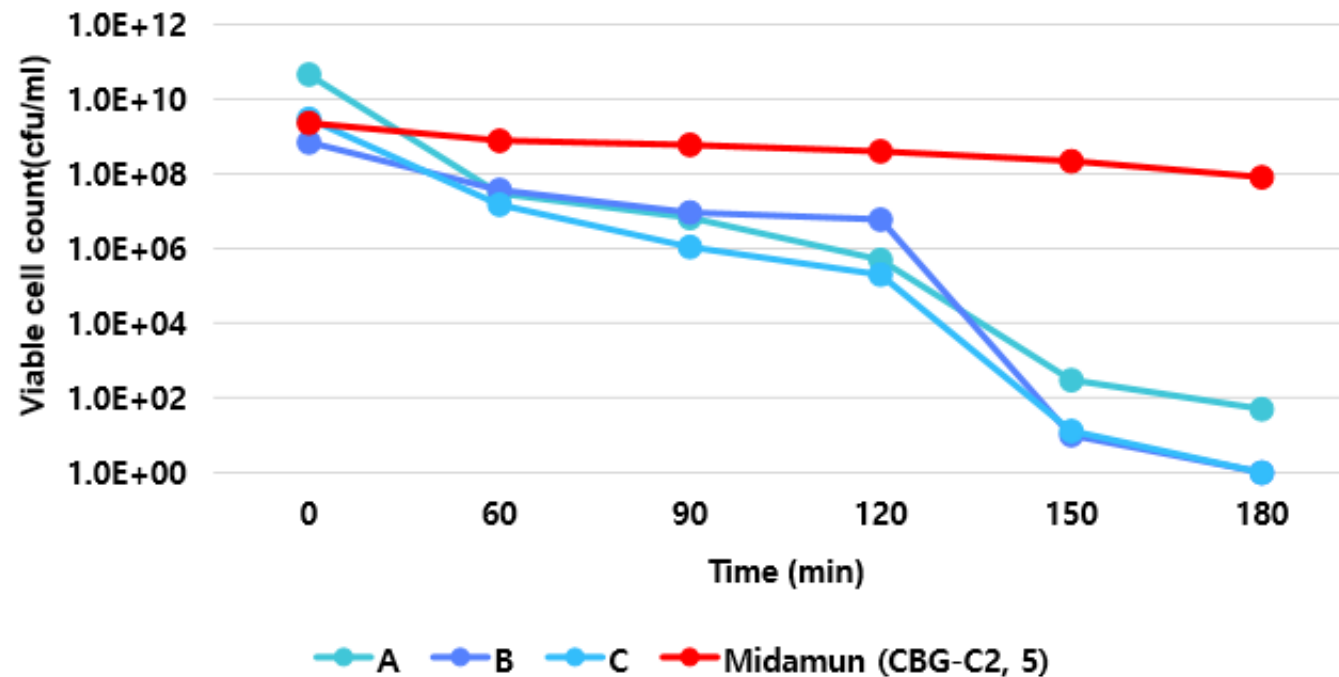


- Three-dimensional micrograph of a bilayer microcapsule
- The secondary capsule opens in the stomach and the primary capsule opens in the intestine for absorption into the body
 - Capsule size is 0.3~2.5 μm for better absorption in the body and deliverability to the intestine

Product Features – Double Micro-Encapsulation Technology

+ Double Micro-encapsulation

Artificial Gastric Fluid Stability Test



- Tested double-micro encapsulated powders against other powdered products in artificial gastric juice (in vitro)
- Results showed the double-micro encapsulated powders were stable for up to 2 hours

Product Features

No Additives

No chemical excipients, flavors, or colors have been used for production efficiency and taste.

NO

Silicon Dioxide

NO

Magnesium Stearate

NO

Hydroxypropyl
Methylcellulose
(HPMC)

NO

Artificial Flavors

NO

Artificial Coloring Agents



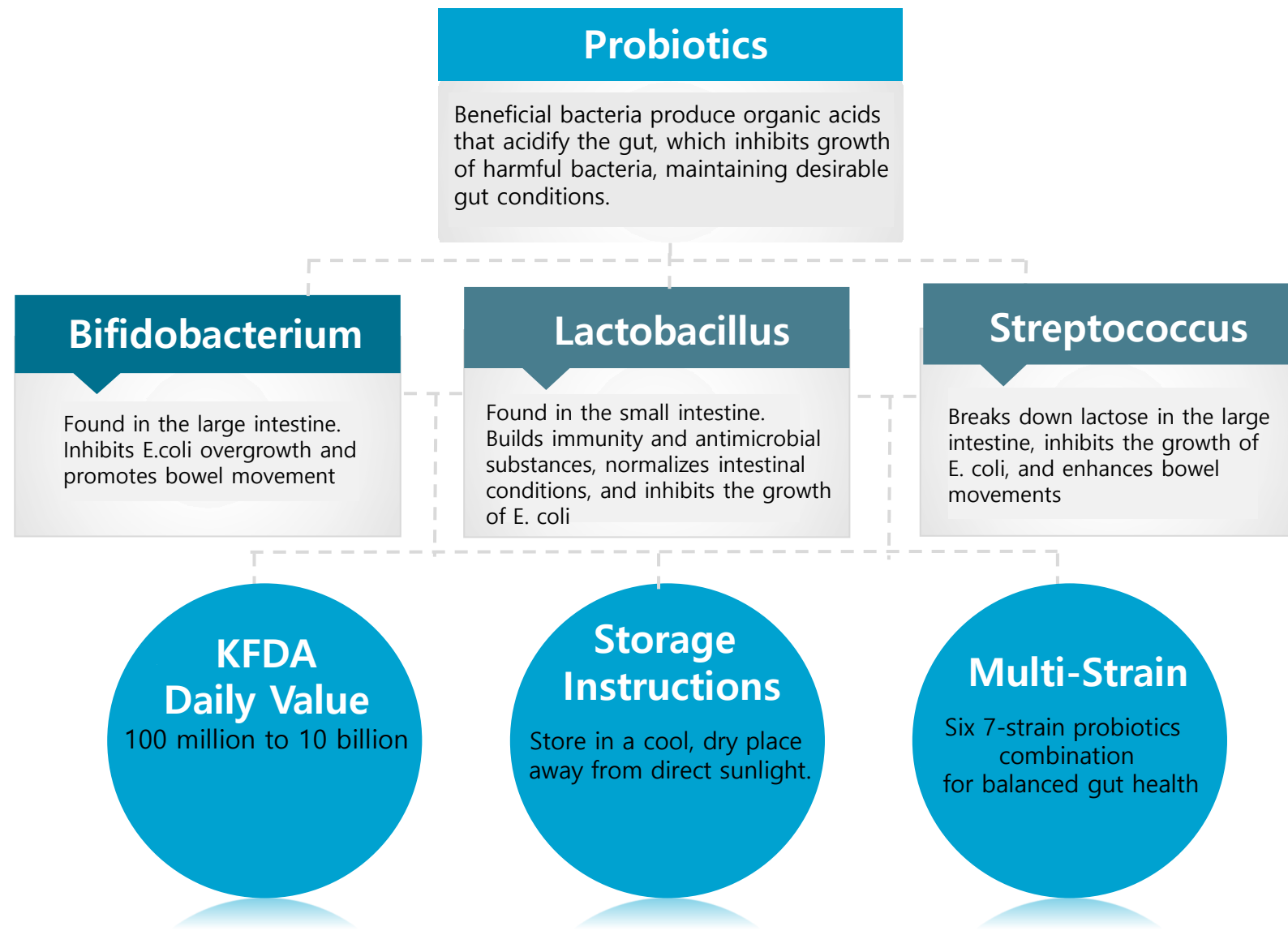
Main Ingredient - Probiotics



The human gut is home to more than 100 species of bacteria, totaling 100 trillion bacteria. The ratio of good bacteria to bad bacteria is important to keep your gut healthy. The average human gut has about an 85:15 ratio of good bacteria to bad bacteria. Probiotics help the good bacteria grow and inhibit the bad bacteria to maintain a healthy balance of bacteria in the gut.

Probiotic means "For Life" in Greek, and refers to a strain of bacteria that, when ingested, has a beneficial effect on the intestinal environment. The balance of good and bad bacteria in the gut is often disrupted due to poor dietary habits and exposure to toxic environments. If you suffer from intestinal problems such as constipation, diarrhea, irritable bowel syndrome, or take antibiotics, it is essential to take probiotics as antibiotics targets both beneficial and harmful bacteria.

Product Features – Probiotic Bacteria



Main Ingredient – Probiotics

* Six 7-Strain Probiotics

Bifidobacterium longum CBG - C11

Bifidobacterium lactis CBG - C10

Bifidobacterium lactis Double Micro-encapsulation

Lactobacillus acidophilus CBG - C13

Lactobacillus rhamnosus CBG - C14

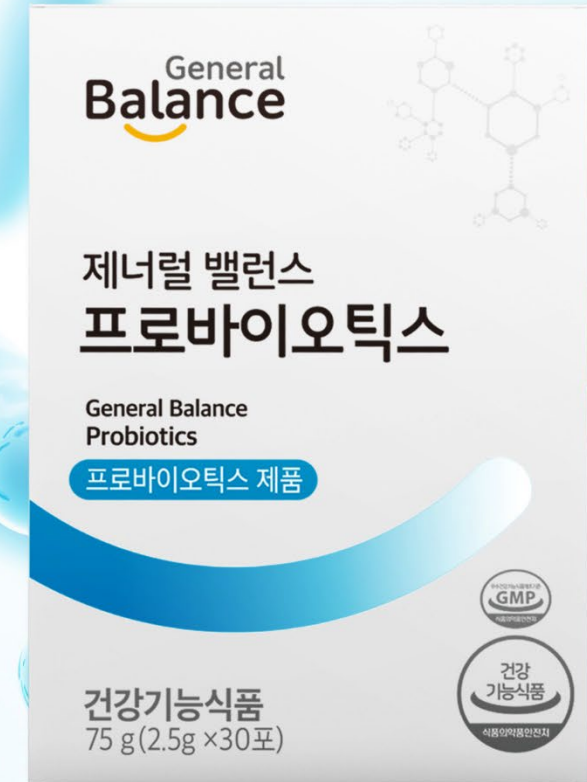
Lactobacillus plantarum JBM15

Streptococcus thermophiles CBG - C19

* Features

- May promote lactobacillus growth, inhibit growth of harmful bacteria, and facilitate bowel movement
- CLA-producing strain (patented)
- Double-encapsulated probiotics for safe delivery into the intestines
- Indigenous lactic acid bacteria isolated from Koreans

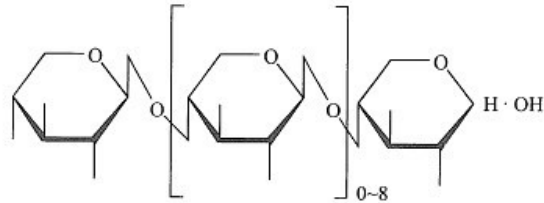
* Lactobacillus count: **15 billion per intake (up to 3 billion or more delivered to the intestine)**



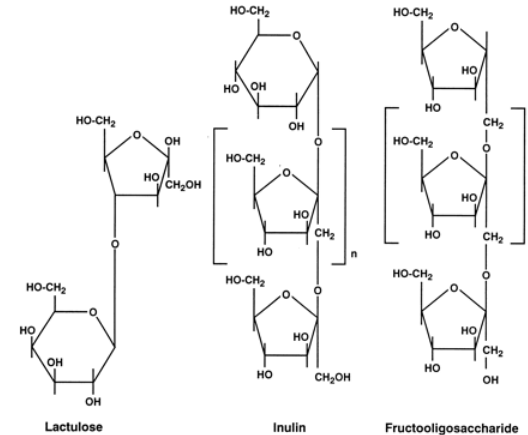
Main Ingredient

* Prebiotics

- xylooligosaccharide, fructooligosaccharide



- xylooligosaccharide



- fructooligosaccharide



* Features

- A non-digestible food ingredient that is utilized by beneficial microorganisms in the large intestine that may promote their growth or activity, which benefits the host's health.
- Undigested materials are absorbed in the upper part of the gastrointestinal tract are utilized by the colonic microbiota. (selectively activates beneficial bacteria such as bifidobacteria and inhibits harmful bacteria such as pathogens)

- * **Vitamin C**
- antioxidant



Serving Size and Suggested Use

Serving Size	Direction	Storage Instructions
 Take 1 packet once a day.	 Take one packet once a day preferably on an empty stomach or immediately after a meal.	 Store in a cool dry place. Keep out of reach of children.

[Precautions]

1. If you have a medical condition or are currently taking medication, consult a healthcare professional before using this product.
2. Individuals with allergies may have hypersensitive reactions. Please check the ingredients before using this product.
3. Children must be supervised by an adult when using this product.
4. If you experience any adverse effects, immediately stop use and consult a healthcare professional.
5. Please check serving size and directions prior to use.
6. The packaging is sharp. Take caution when using this product not to be injured by the packaging.
7. Do not use this product past the expiration date.

[Storage Instructions]

- Store in a cool, dry place away from direction sunlight.
- Keep out of reach of children.



General Balance



Recommended for

Those who want to improve bowel movement

Those who want to improve overall gut health

Those who want to restore gut balance

Those who are want a probiotic supplement

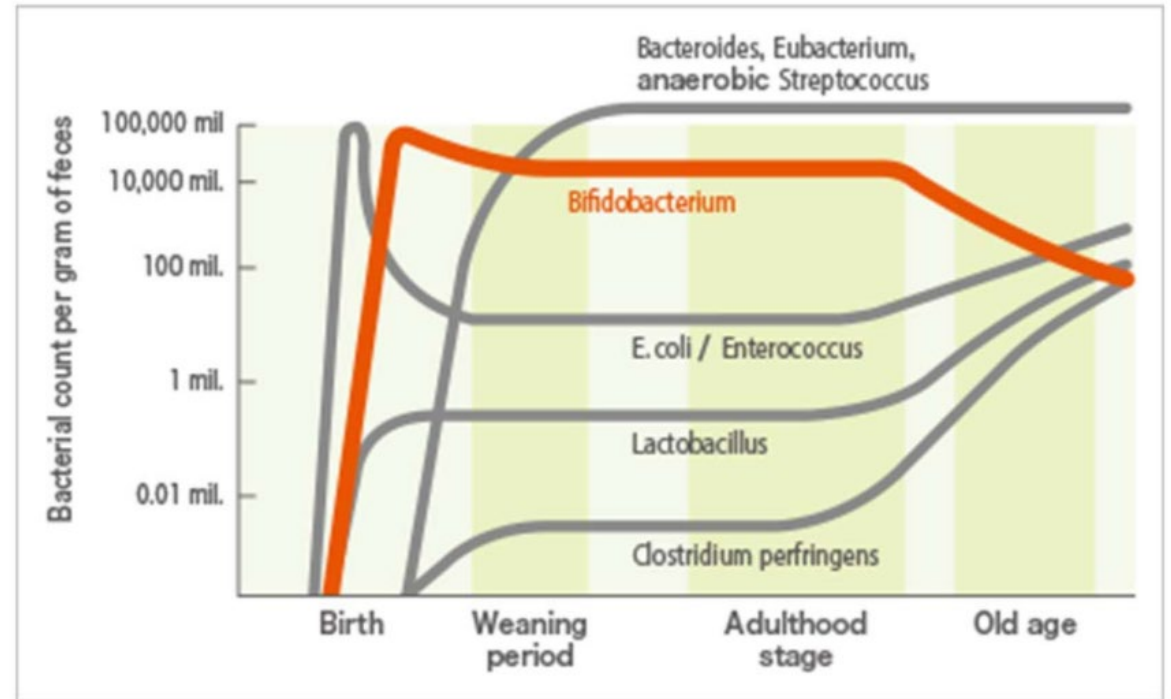
Those with irregular lifestyles who worry about gut health

Those who lack time for regular physical activity

Intestinal Microbial Change Over Lifespan

Beneficial bacteria such as *Lactobacillus* and *Bifidobacterium* increase during infancy, but the amount of *bifidobacterium* decreases while *clostridium*, which contains harmful bacteria, increases relative to other bacteria with age.

Changes in intestinal microbial balance with age



Source : Mitsuoka, 1976

Causes of Intestinal Function Decrease

Functions of intestines can decrease due to factors such as age, inappropriate eating habits, and bathroom habits. Harmful bacteria such as colon bacillus produce toxic materials (ammonia, amine, etc.) using nutrients. These toxic materials are absorbed once again in the intestines, spread toxins in the body, and work as harmful factors. Refined sugar, fast food, snacks with low water content, excessive amount of meat, antibiotics, stress, alcohol, and cigarettes can also cause decrease in intestinal function.

Source: Korean Ministry of Food and Drug Safety